

IN THE SPECIFICATION

Please add the following section heading at page 1, before line 1:

TITLE OF THE INVENTION

Please add the following section headings at page 1, between line 4 and line 5:

BACKGROUND OF THE INVENTION

I. Field of the Invention

Please add the following section heading at page 1, between line 13 and line 14:

II. Description of Related Art

Please add the following section heading at page 3, between line 9 and line 10:

BRIEF SUMMARY OF THE INVENTION

Please add the following section heading at page 7, between line 23 and line 24:

BRIEF DESCRIPTION OF THE DRAWINGS

Please add the following section heading at page 8, between line 8 and line 9:

DETAILED DESCRIPTION OF THE INVENTION

Please amend the paragraph at page 9, lines 1-3, as follows:

Sheath 5 is provided with a second part 53, which is integral with the first axially
extensible part ~~[[1]]~~ 51 and prolongs it on the smaller-diameter side.

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-10 (Canceled).

Claim 11 (Currently Amended): A cable-passage system between a body and a door of a motor vehicle, comprising:

a flexible sheath through which electric cables pass ~~and ends of which are joined respectively to an edge wall of the door and to a fixed wall of the body~~, the sheath including

an axially extensible part, wherein a first end of ~~which~~ the axially extensible part is fixed to the body and a second end of ~~which~~ the axially extensible part is connected to ~~[[the]]~~ an edge wall of ~~[[a]]~~ the door on a border of a cable-passage orifice cut into the edge wall, such that the axially extensible part of the sheath becomes longer when the door is opened, and

a deformable in flexion part connected to the axially extensible part, wherein ~~the sheath is prolonged beyond the end of the axially extensible part that is fixed on the body, via a part that is~~ a first end of the deformable in flexion and an end of which ~~part is joined to the body at a level of the cable passage in~~ [[the]] a body wall, and a second end of the deformable in flexion part is fixed to the body; and

a fixation member configured to fix the first end of the axially extensible part and the second end of the deformable in flexion part to the body,

wherein the cables have sufficient free length inside the door such that the cables can slide into the sheath to absorb length variations of the sheath during pivoting of the door.

Claim 12 (Currently Amended): A cable-passage system according to claim 11, wherein the axially extensible part is corrugated and has a conical general shape, which flares out ~~on the door side~~ at the second end of the axially extensible part.

Claim 13 (Currently Amended): A cable-passage system according to claim 11, wherein the first end, ~~joined to the body~~, of the ~~part of the sheath that is~~ deformable in flexion part is connected to a first connecting element of an electrical connector configured to be coupled with a second connecting element of the electrical connector, which is fixed permanently on the body wall.

Claim 14 (Currently Amended): A cable-passage system according to claim 11, wherein the ~~end of the axially extensible part is fixed on the body wall by~~ a fixation member is configured to rigidly connecting connect a flange integral with the sheath to the body wall.

Claim 15 (Previously Presented): A cable-passage system according to claim 14, wherein the flange is formed in one piece with the sheath.

Claim 16 (Currently Amended): A cable-passage system according to claim 14, wherein the fixation member is fixed on the body wall by an elastic sleeve-joint arrangement such that an end portion of the fixation member passes through a hole in the body wall to engage with the body wall.

Claim 17 (Currently Amended): A cable-passage system according to claim 14, wherein the fixation member comprises a bracket that clamps the sheath[[,]] by passing two

lugs of the bracket ~~passing~~ into respective holes of the flange before the bracket is clipped into the body wall.

Claim 18 (Currently Amended): A cable-passage system according to claim 14, wherein the second end of the ~~sheath on the door side~~ axially extensible part includes a groove that is countersunk into the border of the ~~passage opening~~ cable-passage orifice cut into the edge wall of the door to keep the sheath fixed in a sealed manner on the edge wall.

Claim 19 (Currently Amended): A cable-passage system according to claim 14, wherein the cables emerging from the sheath ~~[[on]]~~ into the door ~~[[side]]~~ slide freely into the axially extensible part of the sheath and are fixed inside the door with a free length between a point of fixation in the door and the second end of the ~~sheath~~ axially extensible part fixed on the door that is sufficient to permit elongation of the sheath without pulling on the cables during opening of the door.

Claim 20 (Previously Presented): A motor vehicle provided with at least one door equipped with electric devices, provided with a cable-passage system according to claim 11.

Claim 21 (New): A cable-passage system according to claim 14, wherein the flange is formed in one piece with the sheath, the first end of the axially extensible part is directly connected to the flange, and the second end of the deformable in flexion part is directly connected to the flange such that the axially extensible part is connected to the deformable in flexion part by the flange.

Claim 22 (New): A flexible sheath, comprising:

an axially extensible part located at a first end of the sheath, wherein a first end of the axially extensible part is configured to be fixed to a body of a vehicle and a second end of the axially extensible part is configured to be connected to an edge wall of a door of the vehicle on a border of a cable-passage orifice cut into the edge wall, such that the axially extensible part of the sheath becomes longer when the door is opened;

a deformable in flexion part located at a second end of the sheath, wherein a first end of the deformable in flexion part is configured to be joined to the body at a cable passage in a body wall, and a second end of the deformable in flexion part is configured to be fixed to the body; and

a flange positioned between the axially extensible part and the deformable in flexion part, wherein the flange is configured to be fixed to the body of the vehicle,

wherein the flexible sheath includes an opening therein such that cables can pass through the axially extensible part, the flange, and the deformable in flexion part.

Claim 23 (New): A flexible sheath according to claim 22, wherein the flange is formed in one piece with the sheath.

Claim 24 (New): A flexible sheath according to claim 22, wherein the flange is configured to receive two lugs of a bracket into respective holes of the flange to fix the flange to the body.

Claim 25 (New): A method of passing cables between a body and a door of a motor vehicle, comprising:

fixing a first end of an axially extensible part of a flexible sheath to the door;

fixing a first end of a deformable in flexion part of the flexible sheath to the body;
locating a flange positioned between a second end of the axially extensible part and a second end of the deformable in flexion part;
fixing the flange to the body with a fixation member; and
passing cables from an opening in the body through the deformable in flexion part, through the flange, through the axially extensible part, and into an opening in the door.

Claim 26 (New): A method according to claim 25, further comprising:

fixing the cables inside the door with a free length between a point of fixation in the door and the first end of the axially extensible part fixed on the door that is sufficient to permit elongation of the flexible sheath without pulling on the cables during opening of the door and the cables can slide into the flexible sheath to absorb length variations of the sheath during pivoting of the door.